Declassified in Part - Sanitized Copy Approved for Release 2012/02/22: CIA-RDP83-00415R003200070011-6 50X1-HUM CLASSIFICATION SECRET REPORT CENTRAL INTELLIGENCE AGENCY INFORMATION REPORT CD NO. DATE DISTR. 12 July 1949 Yugoslavia COUNTRY NO. OF PAGES Anti-Tank 85 mm Shell SUBJECT NO. OF ENCLS. PLACE **ACQUIRED** SUPPLEMENT TO 50X1-HUM DATE OF INF REPORT NO. THIS IS UNEVALUATED INFORMATION 50X1-HUM

YHIS DOCUMENT CONTAINS HEPOTHATICS APPROTISE THE RATIONAL PETENDS OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONACE ACT SO D.S.C., DI AND SE, AS RESERVED, IN TRANSMISSION OF THE EXPERIMENT OF ITS CONTROL IN ANY MAN

- 1. A new anti-tank shell a perfected model of the Soviet projectile with two ogives, has been produced in the arsenals at Kragujevac and Cacak. Its penetrating power is very great and it will pierce even the most heavily armored tanks. Experiments made on armored cars with plates of 170 mm thickness at a distance of one kilometer proved that the bullet could pierce them easily.
- 2. The shell is produced for 85 mm cannon and has a muzzle velocity of 1,050 meters per second. In theory, the projectile has an eight kilometer maximum range, but in practice it has been established that it loses much of its penetrating power after one thousand meters owing to its unique form which makes it volistically unstable.
- 3. Characteristics of the new invention constitute a small "hammer" six centimeters in length which is separated from the main part of the inner ogive by a 20 mm air chamber. Upon striking the target the external ogive (made of soft steel) shatters and gives way to the internal ogive (of hard steel) which strikes the target in the same spot with increased power of penetration, owing to the acceleration of the "little hammer".

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